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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/928,577	08/13/2001	Travis J. Parry	10007333-1	7880

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HEWLETT-PACKARD COMPANY
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EXAMINER

HAILU, TADESSE

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 05/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/928,577

Applicant(s)

PARRY, TRAVIS J.

Examiner

Tadesse Hailu

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– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 August 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This Office Action is in response to the patent application number 09/928,577 filed on August 13, 2001.
2. The submitted information disclosure statement (IDS) with references is considered and entered into the file.
3. The pending claims 1-20 are examined herein as follows:

Drawings

4. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: reference number **24** which is disclosed in the specification, page 7, lines 36, and elsewhere, is not shown in the drawings. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Wood et al (US Pat No 6,453,127).

With regard to claim 1:

As illustrated in Fig. 4, Wood discloses a basic user interface display page for a printer 15 (see Fig. 1). Again, as shown in Fig. 4, there are sets of parameters that can be customized by an operator/user (column 3, lines 22-32). Furthermore, as illustrated in Fig. 2, the printing device 15, which is connected, (via bus 26) with workstation 30 incorporates a web server 32 and linked to a network, i.e., Internet 21 (column 2, lines 49-65).

Wood also discloses a web browser 20 of remote workstation 11 or a web browser 31 of workstation 30 initiates a request to web server 32 of to send via HTTP connection 18 a displayed web page to web browser 20, which may includes one or more

Wood also discloses initiating a remote request (from workstation 11, Fig. 1) over said network (Internet 21, Fig. 1) for a web page (via web browser 20) from said web server (web server 32, Fig. 2), said web page associated with at least one software

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application (e.g., java applet 21), Fig. 2), said at least one software application configured (set up) to provide customizable control panel functionality for controlling operations of said printing device (column 5, lines 3-53; column 6, lines 66-column 7, lines 20);

Wood also discloses transmitting said web page over said network (column 4, lines 34-52; column 6, lines 66-column 7, lines 20; Fig. 2).

Wood also discloses downloading and displaying said web page using said web browser (Abstract, column 6, lines 1-10).

Wood also discloses downloading said at least one software application using said web browser in response to downloading said web page (Abstract, column 2, lines 67-column 3, lines 8; column 10, lines 46-55), and

Wood further discloses customizing a printer control panel using said at least one software application (column 2, lines 49-65; column 3, lines 54-65; column 4, lines 8-33; column 5, lines 3-24).

With regard to claim 2:

Wood further discloses providing a library of selectable printing features by said at least one software application (column 3, lines 22-31, column 6, lines 66-column 7, lines 8). For example, as illustrated in Fig. 4, a library of selectable printing features are shown, such features includes side imaged, collate, and paper, image quality, and so forth. Wood further discloses additional display options for selection of print job information features or templates (column 3, lines 14-65).

With regard to claim 3:

Wood further discloses that the customizing comprises selecting at least one printing feature from said library of selectable printing features (column 3, lines 22-31). For example, as illustrated in operator interface screen, i.e., operator control/panel of Fig. 4, one or more of the printing features or job information features or templates are selectable by the operator (column 3, lines 14-65).

With regard to claim 4:

Wood further discloses that each of said printing features (column 3, lines 54-65) of said library of selectable printing is associated with an identifier (column 3, lines 14-65), and wherein said selecting comprises selecting said at least one printing feature on the basis of said identifier (column 3, lines 22-31; lines 54-65).

With regard to claim 5:

Wood further discloses providing a workstation configured with said web browser (column 4, lines 49-52). As illustrated in Fig. 2, workstation 11 configured with said web browser 20, and workstation 30 configured with web browser 31 (Fig. 2).

With regard to claim 6:

Wood further discloses storing said at least one printing feature (column 6, lines 41-54).

With regard to claim 7:

Wood further discloses that said storing comprises storing said at least one printing feature in a memory component of said printing device 15 in job image buffer 24 (Fig. 2, column 6, lines 41-54; column 6, lines 66-column 7, lines 20).

With regard to claim 8:

Wood further discloses that the customizing a previously stored printer control panel, said previously stored printer control panel accessed from said memory component of said printing device or said workstation. For example, user can access/open a saved job and customizes the saved control/panel (column 3, lines 40-43; column 6, lines 22-34).

With regard to claim 9:

Wood further discloses accessing said previously stored printer control panel using at least one of a PIN or a password (column 6, lines 3-18).

With regard to claim 10:

Wood further discloses arranging said at least one printing feature in a user-determined configuration prior to said storing (column 3, lines 40-43).

With regard to claim 11:

Wood further discloses arranging said at least one printing feature on a graphical user interface displayed within said web browser (column 5, lines 3-35).

With regard to claim 12:

Wood further discloses that said web browser comprises a java-enabled Web browser (column 1, lines 46-59; column 4, lines 53-66).

With regard to claim 13:

Wood further discloses executing said at least software application using a Java Virtual Machine platform on said workstation (column 4, lines 53-66; column 6, lines 6-15).

With regard to claim 14:

Wood further discloses that said initiating said remote request over said network comprises initiating said remote request over the Internet (column 2, lines 49-column 3, lines 32; column 4, lines 34-52, and Figs. 1 and 2).

With regard to claim 15:

Wood discloses a system (Fig. 1) for customizing a printer control panel (Fig. 4). Wood further discloses a printing device (printer 15, Fig. 1) incorporating (via bus 26) a web server 32, said web server linked to a network (Internet 21).

Wood also discloses at least one workstation (e.g., Workstation 11, Figs 1 or 2) configured for communicating (via http connection 18, Fig. 2) with said network (Internet 21), said at least one workstation (Workstation 11) having a web browser (web browser 20, Fig. 2) thereon.

Wood further discloses at least one software application (Java applet 21, Fig. 2) transmissible by said web server (32) and accessible by said web browser (20), said at least one software application (java applet 21) configured to provide customizable control panel functionality for said printing device through user input on said at least one workstation (column 2, lines 49-65; column 3, lines 54-65; column 4, lines 8-33; column 5, lines 3-24).

With regard to claim 16:

Wood further discloses a Java Virtual Machine and a Java console accessible by said at least one workstation (Figs. 1 and 2, column 4, lines 53-66; column 6, lines 6-15).

With regard to claim 17:

Wood further discloses said at least one software application is configured to display a library of selectable printing features within a window displayable on a display of said workstation (Fig. 4, column 3, lines 22-31). For example, as illustrated in operator interface screen, i.e., operator control/panel of Fig. 4, one or more of the printing features or job information features or templates are selectable by the operator (column 3, lines 14-65).

With regard to claim 18:

Wood further discloses said library of selectable printing features comprises the complete array of control features for the operation of said printing device (column 3, lines 22-31, column 6, lines 66-column 7, lines 8). For example, as illustrated in Fig. 4, a library of selectable printing features are shown, such features includes side imaged, collate, and paper, image quality, and so forth. Wood further discloses additional display options for selection of print job information features or templates (column 3, lines 14-65).

With regard to claim 19:

Wood further discloses said at least one software application comprises a plurality of separate multi-threaded Java applets, and wherein each of said separate multithreaded Java applets is configured to control at least one operative functionality of said printing device (column 5, lines 54-column 6, lines 34).

With regard to claim 20:

Wood discloses a method of configuring (or set up, column 3, lines 54-65) a customized printer control panel (Fig. 4) configured for printer functionality for a printing

device (printer 15, Fig. 1) incorporating (via bus 26) a web server (web server 32) to a network (Internet 21) using a workstation (workstation 30) communicating with said network, said workstation having a java-enabled web browser (column 4, lines 53-65) and a Java Virtual Machine platform (column 4, lines 53-65).

Wood also discloses initiating a request over said network (Internet 21) for a web page from said web server (32) using said java-enabled web browser (20), said request initiated by specifying a network address of said web page to said java-enabled web browser (column 5, lines 54-67), said web page having at least one applet tag referencing at least one applet responsive to said request (column 4, lines 34-52; column 5, lines 3-24; column 6, 1-34).

Wood also discloses transmitting said web page (Fig. 2) over said network (Internet 21) to said java-enabled web browser (column 4, lines 34-52, column 6, lines 66-column 7, lines 20; Fig. 2).

Wood also discloses downloading and displaying said web page using said java-enabled web browser (Abstract, column 2, lines 67-column 3, lines 8; column 10, lines 46-55).

Wood also discloses downloading said at least one applet using said java-enabled web browser in response to downloading said web page, said at least one applet programmed to provide customizable control panel functionality for controlling operations of said printing device (Abstract, column 2, lines 67-column 3, lines 8; column 10, lines 46-55).

Wood also discloses executing said at least one applet using said Java Virtual Machine platform (column 4, lines 53-65; column 6, lines 1-34).

Wood further discloses customizing said printer control panel using said at least one applet operating within said web browser (column 2, lines 49-65; column 3, lines 54-65; column 4, lines 8-33).

Wood further discloses storing said printer control panel in a memory component (Buffer 24, Fig. 2) of said printing device or said workstation (column 6, lines 41-54; column 6, lines 66-column 7, lines 20).

Conclusion

6. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Tadesse Hailu, whose telephone number is (703) 306-2799. The Examiner can normally be reached on M-F from 10:00 - 6:30 ET. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, John Cabeca, can be reached at (703) 308-3116 Art Unit 2173 CPK 2-4A51.

7. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Tadesse Hailu
May 21, 2004

